

Amendments to Claims

1-15 (canceled).

16 (currently amended). A method to detect test compound modulation of proteolytic activity comprising the steps;

a) incubating a test compound, proteolytically active protease D-G protein, and a labeled substrate for sufficient time to produce a detectable product as a result of proteolytic activity upon the labeled substrate; and

b) measuring a change in the quantity of product as a result of test compound modulation of protease D-G proteolytic activity on the labeled substrate when compared to protease D-G proteolytic activity on the labeled substrate in the absence of test compound.

17 (currently amended). The method of claim 16 wherein the labeled ~~substrates~~ substrate comprises a detectable label selected from a the group consisting of a radiolabeled atom, at least one fluorescent molecule, and a colorimetric molecule.

18 (original). The method of claim 17 wherein the substrate is labeled with two fluorescent molecules, and the detectable molecule is detected by fluorescent resonant energy transfer.

19-23 (canceled).

24 (new). The method of claim 16, wherein the proteolytically active protease D-G protein has an amino acid sequence corresponding to SEQ.ID.NO: 2.

25 (new). The method of claim 16, wherein the proteolytically active protease D-G protein has an amino acid sequence corresponding to SEQ.ID.NO: 9.